

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 7-2005)		ATTORNEY'S DOCKET NUMBER 5276-110US/P28,033-A-USA	
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>HEREWITH 10/561027</b>	
INTERNATIONAL APPLICATION NO. PCT/US2004/019271	INTERNATIONAL FILING DATE 17 June 2004	PRIORITY DATE CLAIMED 17 June 2003	
<b>TITLE OF INVENTION</b> <b>A TWO-STAGE ENERGY STORAGE DEVICE</b>			
<b>APPLICANT(S) FOR DO/EO/US</b> Andrew C. Kular and Zuohang Zhu			
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ul style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ul> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> <li>11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</li> <li>12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</li> </ul> <p>Items 13 to 23 below concern document(s) or information included:</p> <ul style="list-style-type: none"> <li>13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>14. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>15. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>16. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>17. <input type="checkbox"/> A substitute specification.</li> <li>18. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>20. <input checked="" type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</li> <li>22. <input checked="" type="checkbox"/> Express Mail Label No. <b>EV 562-479 009 US</b></li> </ul>			

IAP6 Rec'd PCT/PTO 16 DEC 2005

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007, OMB 0651-0021  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO (if known, see 37 CFR 1.5) <b>104561027</b>		INTERNATIONAL APPLICATION NO. <b>PCT/US2004/019271</b>		ATTORNEY'S DOCKET NUMBER <b>5276-110US//P28,033-A-USA</b>	
23. Other items or information: <b>Form PCT/IB/306 - PCT Notification of the Recording of a Change; Transmittal Letter adding inventor; newly Executed Declaration of Inventorship; "Replacement" First Page of the PCT Request and Continuation of Box No. III of the PCT Request; Response to Invitation to Correct Defects in Drawings and 3 new drawing sheets; Form PCT/ISA/237 - PCT Written Opinion</b>					
The following fees have been submitted:				CALCULATIONS	PTO USE
24. <input checked="" type="checkbox"/> Basic national fee .....				\$ 300	\$ 300.00
25. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article \$0 All other situations. .... \$200				\$ 0	\$ 0.00
26. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). . . \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority. .... \$100 International Search Report prepared by an ISA other than the US and provided to the previously communicated to the US by the IB. .... \$400 All other situations. .... \$500				\$ 100	\$ 0.00
<b>TOTAL OF 24, 25 and 26 =</b>				\$ 300.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)		RATE	
16 - 100 =	0 /50 =	0		x \$250.00	\$ 0.00
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	20 - 20 =	0	x \$50.00 \$ 0.00		
Independent claims	2 - 3 =	0	x \$200.00 \$ 0.00		
<b>MULTIPLE DEPENDENT CLAIMS (if applicable)</b>				<input type="checkbox"/>	+ \$360.00 \$ 0.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 300.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$ 150.00	
<b>SUBTOTAL =</b>				\$ 150.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$ 0.00	
<b>TOTAL NATIONAL FEE =</b>				\$ 150.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$ 40.00	
<b>TOTAL FEES ENCLOSED =</b>				\$ 190.00	
				Amount to be	\$
				Amount to be	\$

10/561027  
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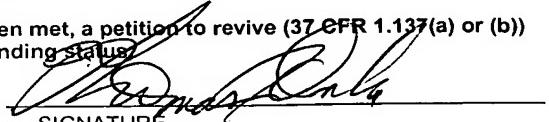
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a.  A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-3040. A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Thomas J. Onka  
Synnestvedt Lechner & Woodbridge LLP  
P.O. Box 592  
Princeton, NJ 08542  
609-924-3773 phone  
609-924-1811 fax



SIGNATURE

Thomas J. Onka

NAME

42,053

REGISTRATION NUMBER

12/16/05

DATE

10/561027

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FILE NUMBER 5276-110US/P28,033-A-USA  
Express Mail Cert. No.: EV 562 479 090 US

"EXPRESS MAIL CERTIFICATE"

"Express Mail" Mailing Label Number: EV 562 479 0906 US

Express Mail Corporate Account Number: X085783

Date of Deposit: 12/16/05

Title: A TWO STAGE ENERGY STORAGE DEVICE

INVENTOR: Andrew C. Kular and Zuohang Zhu

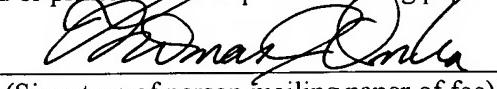
Type of Documents:

1. Application Data Sheet – 3 pages
2. Transmittal Letter to US Designated Office – 3 pages
3. USPTO Form 2038 – 1 page
4. Declaration and Power of Attorney – 3 pages
5. PCT International Search Report – 2 pages
6. Executed Assignment and Recordation Form – 3 pages
7. USPTO Form 2038 – 1 page
8. Preliminary Amendment – 7 pages
9. Clean Version of Application – 13 pages
10. 3 Sheets of Drawings –
11. International Published Application WO 2004/114433 A2 – 17 pages
12. PCT Notification of Recordation of a Change – 1 page
13. Transmittal Letter -1 page
14. Replacement first page of the PCT Request - 1 page
15. Continuation of Box III (Sheet No. 2) of PCT Request – 1 page
16. Executed and dated Declaration of Inventorship – 1 page
17. Response to Invitation to Correct Defects – 1 page
18. Replacement Drawing Sheets 1-3
19. PCT Request – 4 pages
20. PCT Written Opinion – 4 pages
21. Information Disclosure Citation
22. This "Express Mail" Certificate; and;
23. Acknowledgment Post Card.

I hereby certify that the enclosed documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 – Mail Stop PCT

Thomas J. Onka, Esq.

(Typed or printed name of person mailing paper or fee)



(Signature of person mailing paper of fee)

10/561027

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
RECEIVING OFFICE/US

APPLICANT: ECOSOL SOLAR TECHNOLOGIES, INC.

INTERNATIONAL  
APPLICATION NO.: PCT/US2004/019271

INT'L FILING DATE: 17 June 2004

TITLE: A TWO STAGE ENERGY STORAGE DEVICE

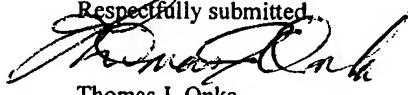
Commissioner of Patents and Trademarks  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE TO INVITATION TO CORRECT DEFECTS  
IN THE INTERNATIONAL APPLICATION

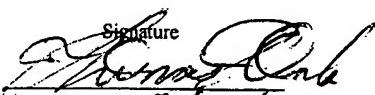
Dear Sir:

In response to your Invitation to Correct Defects and Annex C1 to Form PCT/RO/106 mailed July 26, 2004, submitted herewith are replacement sheets 1 - 3 for Figs. 1 - 4 of the drawings with the appropriate corrections made. We believe that these substitute sheets now meet the PCT requirements and request is made to have these drawings accepted and made a part of Applicant's file.

Respectfully submitted,

  
Thomas J. Onka  
Reg. No. 42,053

Synnestvedt Lechner & Woodbridge, LLP  
P.O. Box 592  
Princeton, NJ 08542-0592

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:	
Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450	
Date of Deposit :	8/13/04
Name : Thomas J. Onka	
Signature	
	
Date of Signature : 8/13/04	